

Visiting professors

Humanities Department adds Humphrey, Ross

By Dan Asimov

The MIT Humanities Department will have two visiting professors this year, the distinguished novelist William Humphrey and the noted anthropologist Harold Ross.

William Humphrey, born in 1924, studied literature at Southern Methodist University and the University of Texas without getting a degree. He taught at Bard College from 1949 to 1958, and then turned to writing novels. In 1958 Mr. Humphrey came out with

Home from the Hill, which achieved a circulation of over two million copies and was made into a movie. Recently he completed The Ordways, which was given a cover review in The New York Times Book Review, and to which he has already sold the movie rights.

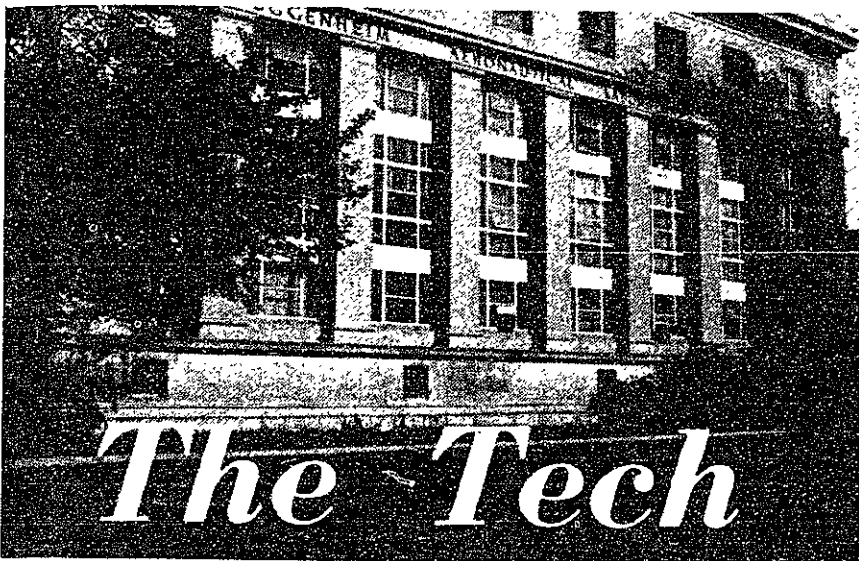
Mr. Humphrey will be teaching The Origins of the Novel (see article on this page).

Harold Ross, born in 1936, studied anthropology at Harvard College from which he was elected to Phi Beta Kappa. Eight years ago he conducted a sociological survey of values among American college students. During the last three years he has been a teaching fellow at Harvard College.

Mr. Ross will be teaching two courses in anthropology, both of which are still open. More information is available at the Humanities Office, 14N-407.

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The Tech

Vol. 85, No. 17 Cambridge, Mass., Wednesday, Sept. 29, 1965 5c

Now in Building 7

Finnish photos exhibited

By Jeff Reece

A photographic exhibition of major designs by Finland's leading architect, Alvar Aalto, will be on view at Building 7 in the 4th floor corridor until Oct. 10, 1965.

Most of the photographs, both in color and in black and white, are by G. E. Kidder Smith, who also wrote the introductory text and captions. Mr. Smith, winner of the AIA 1963 Architectural Photography Medal, was commissioned to do this project specially for this exhibition in which many new views are published for the first time.

The essence of Aalto's architecture lies in his concern for nature and in his regard for man, who becomes the center of his architecture. One of the first, along with Frank Lloyd Wright, to break away from the white-skinned, inhuman geometric cubes of the pre-war international style, Aalto uses many organic forms and natural materials of his native land. He is at his best

when creating small and medium-sized structure in the countryside. His buildings settle into and are in harmony with the surroundings. As Aalto stated "I think, however, the enemy number one today is modern non-traditionalism and formalism where inhuman elements are dominating. Pure architecture—the real thing—is only to be found where man stands in the center."

World famous jazz

Dave Brubeck Quartet to appear in Kresge

The internationally renowned Dave Brubeck Quartet will appear at Kresge Auditorium December 3rd in a concert sponsored by the MIT Dormitory Council. The announcement was recently made by Ed Radlo '67, Chairman of Dormitory Council's Concert Committee.

Number one group

Winning national and international awards in recognition for

his outstanding contributions to jazz is a common event for Dave and his Quartet, who have won at one time or another virtually every poll and award in jazz. In the most recent Playboy reader's poll, the Quartet was selected as the best instrumental jazz combo.

Individually, the group's leader, Dave Brubeck, was chosen best jazz pianist; Joe Morello was number one drummer; Paul Desmond, number 2 alto sax; and

Gene Wright, number 3 bass. The members of the group have placed even higher (!) in the Downbeat poll, which is more prestigious, though not as well-known, as the Playboy equivalent.

World tours

The Quartet is widely known for its history-making world travels, under the auspices of the U. S. State Department, which have carried the message of jazz to the far corners of the world as a symbol of American freedom bridging language, cultural, and racial differences, and creating real communication among peoples of different cultures. Brubeck's work abroad has been acclaimed as among the most successful of all State Department Cultural Exchange Tours.

Innovations

While the Quartet has contributed significantly to jazz in such areas as the use of counterpoint and unusual rhythms, most people are able to appreciate the fine quality of its music.

Since the demand for tickets to this concert is expected to be very great, anyone desiring to obtain tickets should see his living group social chairman now. All social chairmen on campus will soon receive a letter explaining ticket policy and giving details on how to obtain blocks of tickets for their living group.



Here's Dave Brubeck's Quartet: Eugene Wright on bass, the percussionist Joe Morello, Paul Desmond on alto sax, and Dave himself. (He plays piano.) They'll swing into Kresge Auditorium for a concert on December 3rd.

Bldg. 13 dedication slated Friday

David Koffman

A new building on the MIT campus, the \$6 million Center for Materials Science and Engineering, Building Thirteen, will be the focus for activities this week.

In addition to the dedication ceremonies, held Friday afternoon, October 1, there will be a symposium and an open house.

Dedication

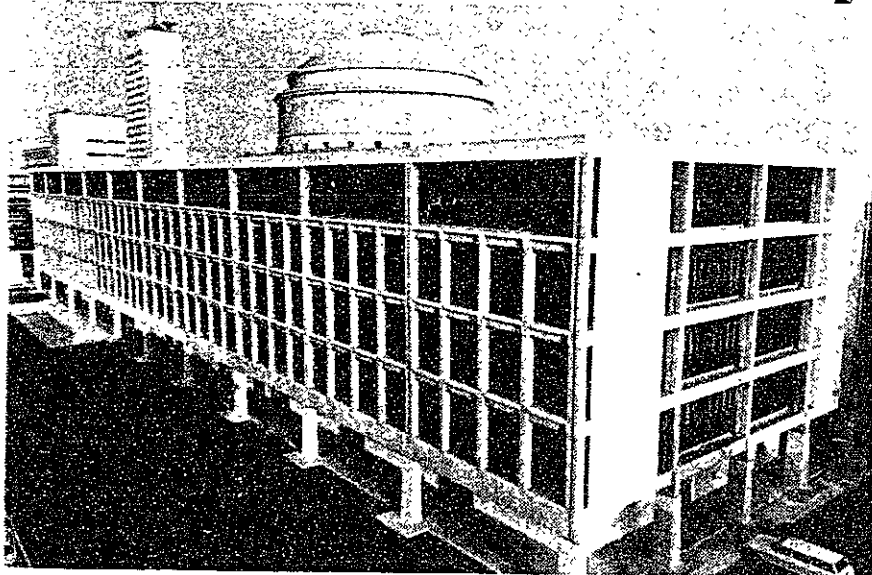
The dedication, held in Kresge Auditorium, will begin at 3 pm Friday. The program, presided over by Dean of Science Jerome B. Wiesner, includes a dedication address by Dr. William O. Baker, Vice President—Research, Bell Telephone Laboratories, Inc., as well as speeches by President Julius A. Stratton and Dean Gordon S. Brown of the School of Engineering.

Open House

The open house for the MIT Community is from 3 to 5 pm on the 29th of September.

Symposium

The symposium, also in Kresge, will have sessions during the morning and afternoon of the 30th and the morning of the 1st. Attending the program on materials research will be over 300 scientists and engineers from throughout the country. They will hear Dr. Harold Brown, Director of Defense Research and Engineering in the Department of Defense and soon to be Secretary of the Air Force, who will speak at the symposium banquet at the MIT



The newly completed Building Thirteen will be dedicated Friday. The building cost six million dollars and was designed by the firm of Skidmore, Owings & Merrill. It is parallel to and north of MIT's main building.

Faculty Club Thursday evening (Sept. 30); the Advanced Research Projects Agency, under Dr. Brown's direction, supports an important part of MIT materials research.

The scientists will also hear Professor William B. Shockley of Stanford University, who was a co-recipient of the 1956 Nobel Prize for physics for his work with semiconductors and transistors and received his doctorate here in 1936; Professor Shockley's address will be at a luncheon in the MIT Student Center Thursday noon. Chairman for the symposium is Dr. Robert A. Smith, Professor of Physics and director of the materials center.

Five stories

The five-story concrete and glass building, a first step in developing the North Campus area, covers the former MIT main parking area off Massachusetts Ave., and runs parallel to the main Institute buildings.

Designed by Walter A. Netsch of Skidmore, Owings and Merrill, Chicago, who have developed a master plan for the North Campus, it provides about 150,000 square feet for fundamental studies of the structure and properties of many materials important to contemporary science and technology. Facilities include some for preparation, purification and evaluation of metals, insulators, semiconductors, and ceramics.

Center interdepartmental

This interdepartmental effort arises from the enormous advances seen in the present cen-

tury in our understanding of the structure, properties, and uses of materials which make necessary a higher degree of interdisciplinary effort. Materials have long been a subject of vital interest at MIT, each department having its own needs and approaches, making diversity the key to the Center.

Planned in 1960

Plans for the Center got under way with Dr. Killian's May 1960 announcement of fund-raising for the Center as one of five major interdisciplinary centers to be constructed on the Second Century Fund. At first the Center was administered by an ad hoc Faculty Committee under the chairmanship of Professor John C. Slater. Now, Professor Smith is helped by a Faculty Committee including deans, department heads, and additional faculty from the Schools of Science and Engineering.

The need for new materials is crucial among the requirements (Please turn to Page 2)

Course 21 offers two new subjects

The MIT Humanities Department is offering two new subjects this fall that were not listed in the catalogue, The Origins of the Novel and Intellectuals and Social Change. Both courses are still open.

The Origins of the Novel, designated as 21.39, will be taught by Visiting Professor William Humphrey (see article on this page). It will cover Defoe, Richardson, Fielding, and Sterne, with background readings in Cervantes' Don Quixote and in non-fictional English prose of the 17th and 18th centuries. The prerequisite is 21.03T or 21.11, and the hours rating is 3-0-5.

Intellectuals and Social Change, designated as 21.537, will be taught by Professors Louis Kampff and Noam Chomsky. The subject will consider the role and responsibility of individuals who challenge the assumptions of the established political and social order, and who are concerned with ideas and their consequences. A part of the course will be devoted to individual research on topics of particular current significance. The prerequisite is 21.02T, and the hours rating is 3-0-5.

Prof. Berchtold heads chem dept.

Dr. Glenn A. Berchtold has been appointed as Acting Head of the Department of Chemistry. Dr. Arthur C. Cope, Head of the Department since 1945, is now Camille Dreyfus Professor in Chemistry, a newly created post.

Dr. Berchtold, a graduate of the University of Illinois, came to MIT after receiving his Ph.D. from Indiana University in 1959. He was appointed Assistant Professor in 1961, Executive Officer of the Department in 1963, and Associate Professor in 1964.

Cannonball Adderley Sextet in concert here

Alpha Phi Omega, in cooperation with the Student Center Dedication Committee, will present the Cannonball Adderley Sextet at 3:30 p.m. on October 9. The concert will be held in Kresge Plaza except in case of rain.

Tickets will be sold in Bldg. 10, beginning at noon October 5th. A maximum of two tickets at \$5.00 apiece may be purchased with each MIT activity card. Initial ticket sales will be limited by Kresge's seating capacity. Weather permitting, 500 more tickets will be sold on the day of the concert.

The group's most recent engagements include Village Vanguard in N.Y.C. and the Lighthouse at Hermosa Beach.

Cherchez la Femme

Tech, Wellesley prime spots

By Bob Horvitz

Now that the initial chaos of the new term has begun to settle down, the time has come to think about the really important aspects of the academic year—i.e. girls.

To aid the dateless Techman in his natural right of the pursuit of happiness, Cherchez la Femme reports weekly on the mixer scene, in the Boston area.

This weekend, for example, there should be a well-beaten path from all of the girls' schools straight to Tech. Friday night the MIT Graduate Student Council is giving its Fall Acquaintance Dance with the "Harvard Squares" doing the entertaining. The dance will be held in the Campus room at the Ash-down House from 8 pm to 12 midnight. Guys will be charged \$1.25, while girls can just walk right in, set right down.

The same for girls on Saturday night, but Techmen will only be charged eight bits, when "Bur-ton at Burton" will be presented at, you guessed it, Burton House. This mixer will start at 8 pm.

For the roving Techman, Wellesley is the place to spend this week-

end. Starting at 8 pm Friday are mixers at both Tower Court and at Freeman, McAfee, and Bates Halls. The latter is open to all, and Cherchez has the word that despite the supposed invitation-only restriction for the former, all good Techmen will be greeted with open arms.

If you're at Wellesley Friday, you might as well stick around another day to attend Pomeroy's mixer on Saturday at 8 pm. Complete with band, it looks very promising, but there is a catch—invitation-only, and supposedly enforced. But what Wellesley girl could resist the suave Techman who wishes to enter just to dance the night away with her—the girl of his dreams?

Meals scheduled in Student Ctr.

The recently opened Lobdell Dining Room, located on the main floor of the MIT's student Center, has announced its regular hours for this term.

On Monday through Saturday, breakfast will be served from 7:30 to 10:00 am, lunch from 11:30 to 2:00 pm, and dinner from 5 to 7 in the evening. Brunch will be served every Sunday from 9 am to noon, and dinner from noon to 7 pm.

The hours were announced by Fred J. Grotheer, Dining Manager of the Student Center.

Betas get scholarships

At Oxford, Ohio today, the international office of Beta Theta Pi fraternity announced the re-warding of Founders Fund Scholar-ships for this year to MIT under-graduates Terry J. Vander Werff '66 and Gerald L. Toma-nek '67.

Building thirteen ready after 5 years' planning

(Continued from Page 1)
for continued growth of science as well as the general economy. New specifications arise out of new applications, and as these be-come more and more demanding, the limited state of our knowledge becomes more and more obvious.

Research Facilities

The research to be done in the new building, while comprising a great deal of the materials work at MIT, is far from all of it; the Institute's 1964-65 Report of Research in Materials Science and Engineering lists a total of over 700 professionals on the staff, including 118 faculty mem-bers and over 400 graduate stu-dents.

Works on materials research goes on all over the Institute; in the National Magnet Laboratory, in the Lincoln Laboratory, and in the Research Laboratory of Elec-tronics. The facilities of Building 13 itself are designed to bring together fundamental lines of ap-proach in various departments.

New curricula

The new Center also reflects an increasing interest in developing new curricula based on the study

of materials. In October, 1957, Dean Richard Soderberg of the School of Engineering appointed a Faculty Committee on Materials Engineering to study the feasi-bility of a graduate curriculum in materials.

The Committee's work, under the chairmanship of Professor Morris Cohen, extended to Febru-ary, 1959, culminating with a re-port showing favorable industrial reaction to programs of study based on the idea of materials as a unified field. This was fol-lowed by an intensification of the Institute's program of innovation in materials courses and degrees. This work has been paralleled by efforts at other universities, in professional societies, and agen-cies of the federal government.

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First Incomm meeting of year held in West Lounge of Student Center



Photo by John Torode

The first meeting of Institute Committee for this year was held last Thursday, September 23, in the West Lounge of the newly completed Student Center. Pictured above at the head of the table is Bill Byrn, President of the Undergraduate Association.

Cort lecture at Catholic Club meeting to highlight war on poverty at local level

Mr. John C. Cort, director of spent two years as regional di-rector of the Peace Corps in the Philippines. He will speak about problems on the local level in his talk, "The War on Poverty: The Home Front." All are invited.

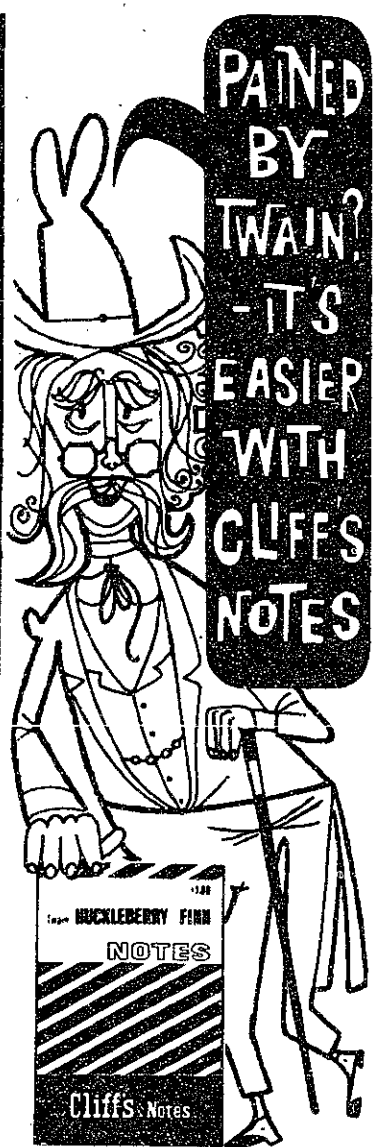
The Commonwealth Service Corps is a Massachusetts analog of the Peace Corps. Mr. Cort will deliver a lecture tonight at the Technology Catholic Club meeting in the Vannevar Bush Room (10-105) at 7:15. The lecture will be followed by a question period and refresh-ments.

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Kuechler chosen Research Scholar in bio-chemistry for coming year

By Sue Downs

Dr. Ernst Kuechler, 27, an assistant at the Institute of Biochemistry at the University of Vienna, will be affiliated with MIT as a Research Scholar in the field of biochemistry during this coming school year.

Dr. Kuechler, awarded a Fulbright travel grant which covers his international transportation expenses, is a native of St. Poelten, Lower Austria.

In June 1964 Dr. Kuechler received his PhD degree from the University of Vienna and obtained his doctor's title in the fall of 1964. Parts of his doctoral the-

sis on "Interactions of complementary nucleosides in a chromatographic system" have already been published in English (in *Biochimica Biophysica Acta*) and in German.

At MIT he will conduct research work in the field of nucleic acid biochemistry under the direct supervision of Professor Alexander Rich, Professor of Biophysics.

Dr. Kuechler is a native of Saint Poelten, Lower Austria. In 1964 he was appointed to his position as Assistant at the Institute of Biochemistry, University of Vienna.

By John Corwin

Five alumni of MIT have received Fellowships for graduate study at the Harvard Business School beginning this month.

Howard Ellis

Howard M. Ellis, of Belleville, New Jersey, graduated last June from MIT, and is now entering a two year program leading to the degree of Master in Business Administration. As an undergraduate, Howard served as Chairman of the Student Committee on Educational Policy, and was news editor and sports editor of THE TECH.

Peter T. Van Aken

Mr. Peter T. Van Aken '63 XV, is working for the same degree.

At MIT he was Chairman of the Finance Board and President of Alpha Phi Omega, the service fraternity at MIT. In addition, he was an honored recipient of the Karl Taylor Compton Prize "for acumen, understanding and effectiveness in the administration of student affairs at MIT."

Samuel Johnson

The Union Bag-Camp Paper Company Fellowship for study at Harvard's Graduate Business School has been awarded to Samuel K. Johnson of Wheeling, West Va. Johnson attended MIT graduate school for a year, obtaining his MS in Chemical Engineering in 1962. He is now a development

engineer in the US Air Force.

Ronald Randall

Ronald K. Randall '64 has received the American Machine and Foundry Fellowship, and will graduate this June. While here at Tech, Randall, a native of New York City, received the Strook Award for the Horace Mann High School alumnus with the best first year record at college. He served as president of Technology Community Association.

Jonathan J. Sirota

Finally, Jonathan J. Sirota, RPI '63, of Brookline, has been awarded a similar Fellowship. As a Raytheon Fellow, he received his Master's Degree in Electrical Engineering at MIT in 1964.

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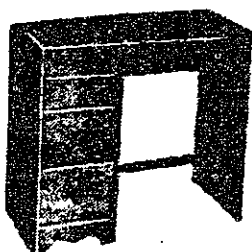
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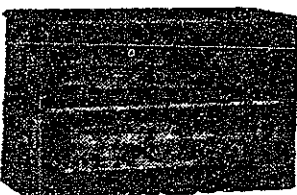
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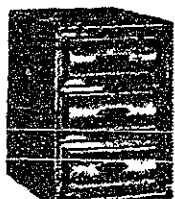
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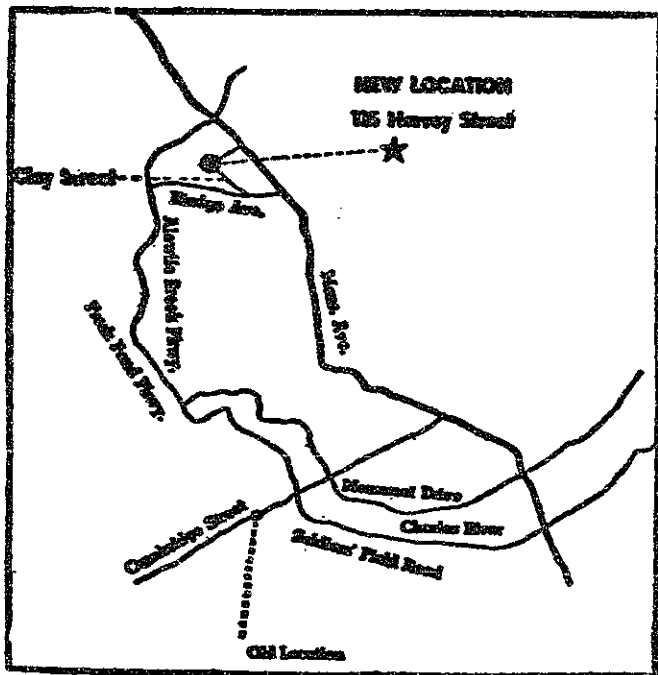
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5 Fellowships Awarded

The Bulletin Board

The events in this column have been compiled by the Public Relations Committee of Incomm. This feature will become a weekly service of the PRC and The Tech.

The information and listings published here will also be available in the form of the MIT Student Bulletin which is edited by Bob Howard, a member of the PRC.

Meetings and events may be included in the Student Bulletin and in this column by filling out a form in the Incomm Office or Mr. Jim Murphy's office in the Student Center at least 10 days in advance of the week the event is to occur.

Bob Howard (x3783) will provide further information on the Bulletin on request.

Wednesday, September 29

4 pm—Varsity Soccer: MIT vs WPI, Briggs Field; 5 pm—MIT Concert Band rehearsal, Kresge Auditorium; 5 pm—MIT Glee Club rehearsal, Rehearsal Rm. A, Kresge Auditorium; 7 pm—MIT Gilbert & Sullivan Society rehearsal, Rehearsal Rm. B, Kresge Auditorium.

Thursday, September 30

5 pm—MIT Glee Club rehearsal, Rehearsal Rm. A, Kresge Auditorium; 5 pm—Tangent Organizational Meeting, cider & donuts. Tentatively scheduled for the Tangent Office, Rm. 485, Student Center; 7 pm—MIT Gilbert & Sullivan Society rehearsal, Kresge Auditorium.

Friday, October 1

5 pm—Science Fiction Society meeting, Spofford Rm. 1-236; 7 pm—MIT Gilbert & Sullivan Society rehearsal, Kresge Auditorium; 8 pm—Christian Science Organizational Lecture: Where Are You Going? Speaker: Mr. Slaughter. Vannevar Bush Rm. 10-105; All Weekend—MIT Outing Club: Trip to Lake George, New York. Canoe, camping, square dance. Sign up bulletin board, Bldg. 2.

Saturday, October 2

9:30 am—Varsity Sailing: the Danmark Trophy, the Sailing Pavilion; 1 pm—Varsity & Freshman Cross Country: the Engineer's Trophy, MIT vs RPI & WPI, Franklin Park, Boston; 1 pm—Varsity Soccer: MIT vs Trinity, Briggs Field; 1 pm—MIT Gilbert & Sullivan Society rehearsal, Kresge Auditorium; 6 pm—National Ham Radio Contest, Massachusetts' QSO Party sponsored by the MIT Radio Society, WIMX, Walker, third floor.

Sunday, October 3

12 Noon—MIT Concert Jazz Band rehearsal, Kresge Auditorium; 3 pm—James Weaver Organ Concert. Free. The Chapel; 6 pm—National Ham Radio Contest, sponsored by the MIT Radio Society, WIMX, third floor, Walker Memorial.

Monday, October 4

12:30 pm—Varsity Golf: MIT vs Brandeis; 4 pm—Freshman Soccer: MIT vs Medford High, Briggs Field; 5 pm—Lt. Col. Jay Zeamer Squadron. Motion picture: Springboard to Space—the Arnold Center, free. Vannevar Bush Room, 10-105; 5 pm—MIT Concert Band rehearsal, Kresge Auditorium; 5 pm—MIT Outing Club meeting, Walker Memorial, Rm. 306; 7:30 pm—Choral Society rehearsal, Kresge Auditorium.

Tuesday, October 5

5 pm—MIT Glee Club rehearsal, Rehearsal Rm. A, Kresge Auditorium; 5:30 pm—Hillel Conservative Yom Kippur Service, conducted by Dr. Gerald Schroeder, the Student Center; 5:30 pm—Hillel Orthodox Yom Kippur Service, conducted by Fred Rothstein, Kresge Auditorium; 7:30 pm—MIT Symphony Orchestra rehearsal, Kresge Auditorium; 7:30 pm—Student Center Art Studios. Beginners' oil painting class. Instructor: Mimi Luft. \$10-term. 5th Level, Student Center; 8 pm—Hillel Reform Yom Kippur Service, conducted by Rabbi Pollack, the Chapel.

Wednesday, October 6

8 am—Hillel Orthodox Yom Kippur Service, conducted by Dr. Gerald Schroeder. (Please turn to Page 5)

the great awakener

Spiritual awakening comes in many ways. It can come in a sudden flood of unselfish love — or a quiet, growing spiritual sense of life. A deeper awareness of the presence of God enables you to see things differently. Hear a public lecture on "The Great Awakener" by MARTIN N. HEAFER, member of the Board of Lectureship of The First Church of Christ, Scientist, in Boston, Massachusetts.

Christian Science lecture

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Fraternities: a vital role

Last summer we often engaged in the typical student recreation called "campus comparison." "At State we always..." but "At MIT, now..." Everyone has these sessions with their old high school buddies, and the differences found are usually amazing. But scholarship is not the only topic—sometimes not even the most discussed. Personally, we have always been struck by the differences in fraternity systems and administration attitudes to them.

Right now fraternities all over the country are having some hard times, and especially poor publicity. Denounced as "childish," "medieval," undemocratic, "immoral," they are in some places fighting for their very existence. At more than one school they have been completely and efficiently killed by the administration.

MIT and fraternities

The attitude shown by the MIT administration is favorable to fraternities—so favorable as to be thought-provoking. The Institute is not run by gung-ho old alumni brothers, nor does the housing shortage alone account for the degree of freedom allowed or encouragement offered.

We believe that fraternities, ideally, are different here because they are not

mere clubs, or even refuges; they are, or should be, an integral part of the school and its educational responsibility.

In our discussions with students from other campuses, we often ran across the "pitched camp" theory of fraternities. The school, professors, and administration are on one side of the battle, and the students and their fraternities on the other. At MIT, in contrast, we try to develop the attitude that students, faculty, and administration are all making a unified assault on knowledge.

Promise and faith

This doesn't make any intrinsic distinction between fraternities and dorms at MIT; but the fraternities are expected to take a more active role in the encouragement and direction of their members. They are expected to because during Rush Week, they promise to.

Now that Rush Week is over, pledges inevitably feel like Cinderella's pumpkins—the magic of being the center of attention is gone. But the good fraternity realizes that rush is not the only, or even the most important function to be served. A lot of things get said in Rush Week about the fraternity's contribution to scholarship, to working with people, to participation in activities. More is said about the benefits of association with the outstanding brothers.

The outstanding features of the MIT administration's attitude is that they believe what the fraternities claim. They have faith in peer education, in student maturity, in undergraduate responsibility. They also feel that an important part of an education is gained outside the classroom.

This faith in the student is probably self-supporting—students who are trusted, respond accordingly. It is important to realize, therefore, just how different MIT is in this respect. Every fraternity should remember that the dorm residents may not believe their Rush Week line, and the pledges of other houses may not. Two groups who do believe it are a house's own pledges and the MIT administration.

Not perfect

There would be no sense in writing this if the system were perfect, and all the responsibilities understood, and all the promises kept. But the inevitable problems slip in. There is always some depledging and disillusionment and deterioration of ideals. These are not serious enough to warrant a change in the Institute's basic position; but they are not trivial enough to be ignored.

We feel it important that fraternity men realize one fact; that without active cooperation with the Institute, without striving for high ideals, without a mature responsibility to their pledges, fraternities at MIT are no different from the state university houses that cause a poor general reputation for fraternities. This is why the administration's trust is not to be taken lightly.

Letters ?

Just a brief reminder—in the past, we've enjoyed some good controversies on this page. So far this year, though, we haven't received much from our readers. If you disagree with our opinions or even our choice of subject, let us know. We reserve the right to edit as we see fit, but that doesn't mean changing the sense of letters. We feel that there ought to be more than one "campus opinion."

Footnotes

by Chuck Kolb

66. Apparently having coeds clockwise in the Northern Hemisphere. Now the experiment has been completed by "persistent" investigators at the University of Sydney in Australia. Results: sure enough, at the pull of the plug the water swirled out—clockwise.

68. Professor Shapiro's predecessor as Course II head H. Guyford Stever will be formally inaugurated as President of Carnegie Tech next month. MIT President Julius A. Stratton will go to Pittsburgh to speak at the event.

69. The Indian-Pakistani conflict which has been causing so much international concern has its own peculiar ramifications. Bexley Hall residents view with some concern roommates Riaz Farookhi '67 and Jamshed Madan '67.

Ritz Farookhi happens to be from Karachi while Jimmy Madan is from Bombay. The two have been living together for two years and continue to co-exist peaceably—if you ignore the line drawn down the middle of the bathroom.

It seems that three years ago Professor Shapiro constructed the perfectly symmetrical bathtub and proved that the vortex caused by draining the tub really moved counter-

Kibitzer

By Mark Bolotin

North	East	South	West
♠ A Q J 9 8 6	1♠	pass	3♥
♥ K	3♣	pass	4♥
♦ 9 8 7	5♣	pass	6♣
♣ A 10 9	pass	double	6NT
	pass	pass	pass
			Opening lead: two of clubs
West	East		
♠ none	♠ 10 7 5 3 2		
♥ 10 7 4 2	♥ 5 3		
♦ J 5 4 3 2	♦ K Q 6		
♣ 8 4 3 2	♣ K 7 6		
		South	
		♠ K 4	
		♥ A Q J 9 8 6	
		♦ A 10	
		♣ Q J 5	

Bidding, East-West vulnerable, North dealer.

(Please turn to Page 10)

Inside Incomm

Frosh Council, Spring Weekend Parents Weekend discussed

By Bill Byrn

Among other items of business that came before the Institute Committee last Thursday were Freshman Council, Spring Weekend, and Parents Weekend.

Frosh Council

The Freshman Council will be composed of one representative from each of the 28 fraternities, 10 representatives of Burton House, 10 from East Campus, 6 from Baker House, 6 from Senior House, 3 from McCormick Hall, 2 from the Non-Resident Students Association, 2 from Bexley Hall, and one from Student House. The house government of each of these living groups is responsible for determining, in any manner they wish, their delegates. However, specific freshmen must be chosen; rotational or random delegate systems are not acceptable.

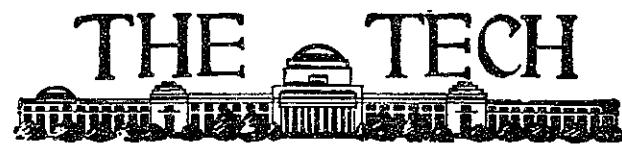
The names of delegates must be submitted to the Incomm secretary, Miss Betty Hendricks, before Tuesday, October 5 at 5:00 pm. The first meeting of the council will be the following Sunday, October 10, in the Student Center. At this meeting officers will be elected and preliminary Field Day orientation will be started.

The chairman and 6 members of a Spring Weekend Committee, to sponsor an Institute Committee all-Institute weekend next April 29-30, will be chosen at the Institute Committee meeting after the next one, i.e., around October 25. All candidates for chairman and members will be interviewed by the Incomm Executive Council before that date. A schedule of interview will be established next week.

No restrictions were placed on the committee members; they may come from any class.

The Institute Committee also voted to run a Parents Weekend on the weekend of April 22. The chairman of the temporary Parents Weekend Committee will be elected by the Institute Committee at the same meeting. He will be able to appoint his own committee members.

(Please turn to Page 5)



Vol. LXXV, No. 17 Sept. 29, 1965

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Front page photo of the Massachusetts Avenue side of Building 33 taken by Art Kalotkin.

Unsigned editorials in The Tech are the opinion of The Tech's Board of Directors, not that of MIT. The Tech welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed, but names will be withheld upon request.

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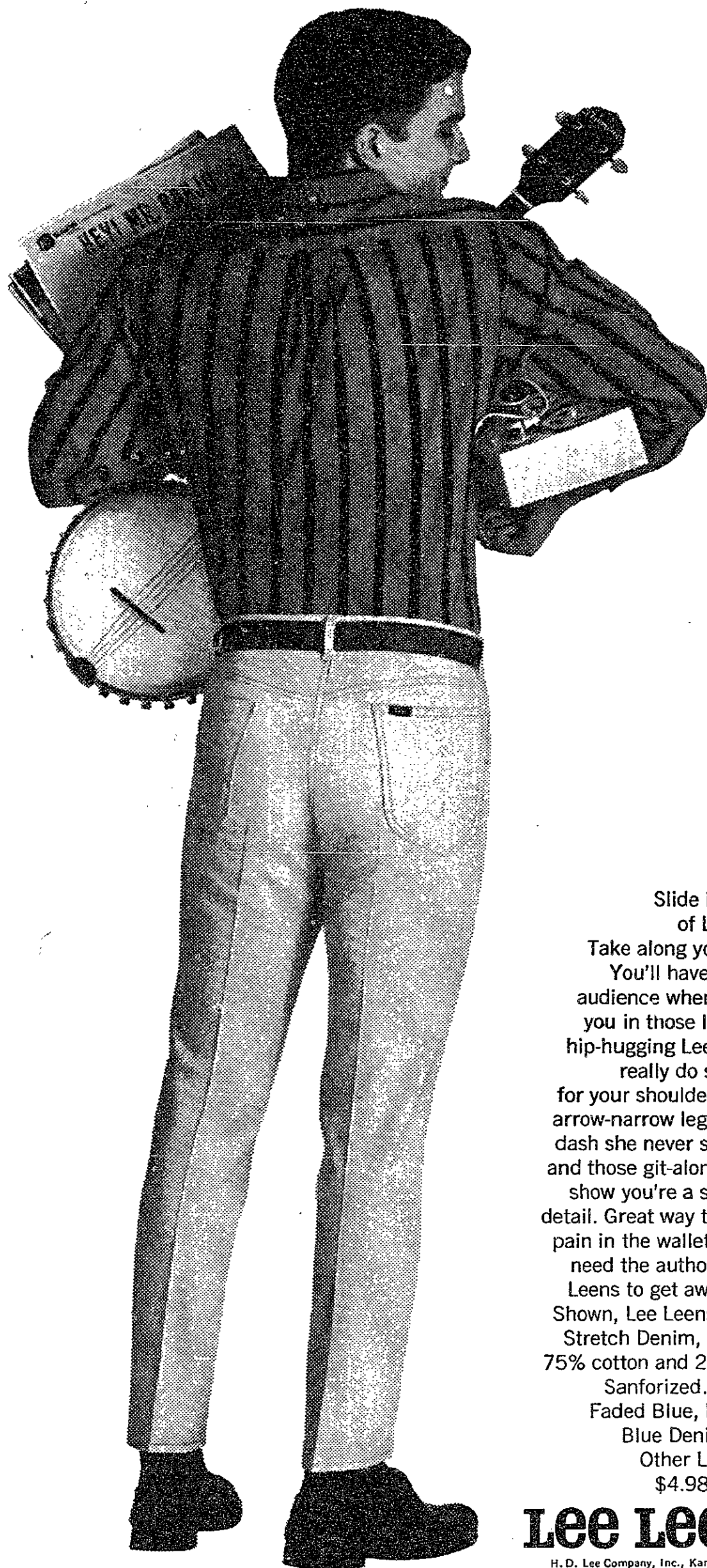
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Academic elite

Protest leaders praised

By Ted Nygreen

The student leaders on today's campuses protesting public policies and demanding free speech are the cream of the academic crop, a team of psychologists and sociologists reported at the 73rd annual meeting of the American Psychological Association.

Far from the image of rabble-rousers or beatniks, student protest leaders tend to be unusually serious in their pursuit of education, much more committed to the process of learning than the majority of students, and more independent of their cultural past. They were hailed in the committee's report as the "nucleus of future scholarship."

Five year study

The report was based on five years of tests and interviews with 5000 students at eight colleges, including the University of California at Berkeley, and an additional study of 240 students in Berkeley's Free Speech Movement.

Student leaders were chosen who fit the profile of "goal-oriented or social problems movements," as

opposed to the widespread stereotype "adolescent rebellion."

The apparent cause for the suggestion that the famous Berkeley protests were staged by outside agitators is probably that people couldn't credit students with the ability to organize such a well-directed and meaningful and successful protest." The study points out, however, that they were very capable indeed.

Berkeley aftermath

Many books are beginning to appear in the news covering the aftermath of those Berkeley riots, as well as analyses of the causes, tensions, and purposes of student action generally. Sociologists correlating the results are beginning to see what this study indicates: that the demonstrators are the perceptive and aware persons in class as well as the outside world, and consequently the best academically.

This report to the American Psychological Association supported by the Carnegie Corporation, has not yet been published, but is expected to be released soon.

The Bulletin Board . . .

(Continued from Page 3)

ald Schroeder, the Chapel; 9 am—Hillel Conservative Yom Kippur Service, conducted by Rabbi Pollack, Kresge Auditorium; 10 am—Hillel Reform Yom Kippur Service, conducted by Prof. Leonard Fein, Rehearsal Rm. A, Kresge Auditorium; 5 pm—MIT Glee Club, Kresge Auditorium; 5 pm—MIT Concert Band rehearsal, Kresge Auditorium; 7:30 pm—Student Center Art Studios. Life-portrait drawing class, instructor: Mimi Luft. \$10-term, 5th Level, Student Center.

Thursday, October 7

4 pm—JV Soccer: MIT vs Stevens Business College, Briggs Field; 5 pm—MIT Glee Club rehearsal, Kresge Auditorium; 8:30 pm—Ravi Shankar Concert sponsored by the Baton Society. Admission: \$2, Kresge Auditorium.

Friday, October 8

4 pm—Varsity Tennis: MIT vs Rhode Island, the Tennis Courts; 5 pm—Science Fiction Society Meeting, Spofford Rm., 1-236; All Weekend—MIT Sports Car Club Orange Autocross. Entry fee: \$6. Practice Friday and Saturday. Time trials Sunday. Orange Airport, Orange, Mass.

Saturday, October 9

2 pm—Freshman Soccer: MIT vs Connecticut, Briggs Field; 2:15-2:45—Formal Dedication of Student

Center. Student Center steps. (In case of rain, Kresge Auditorium); 2:45—Student Center Open House; 3:30-5:30—Cannonball Adderly Sextet Concert. Tickets: \$.50 per person. Student Center steps (In case of rain, Kresge); 7 pm—Anton Heiler. Department of Humanities Organ Concert, Kresge Auditorium; 8-12—Semi-formal Dance. Ken Reeves Orchestra. Refreshments. Tickets: \$.50 per couple. Sala de Puerto Rico, Student Center.

Sunday, October 10

12 Noon—MIT Concert Jazz Band rehearsal, Kresge Auditorium; 7 pm—Institute Committee Meeting. Refreshments, Student Center.

Special Notice

Pershing Rifles. Members only. Maneuver to Ft. Devens, Ayer, Mass. Meet Bldg. 20E-014.5, October 9 at 7:00.

Inside Inscomm . . .

(Continued from Page 4)

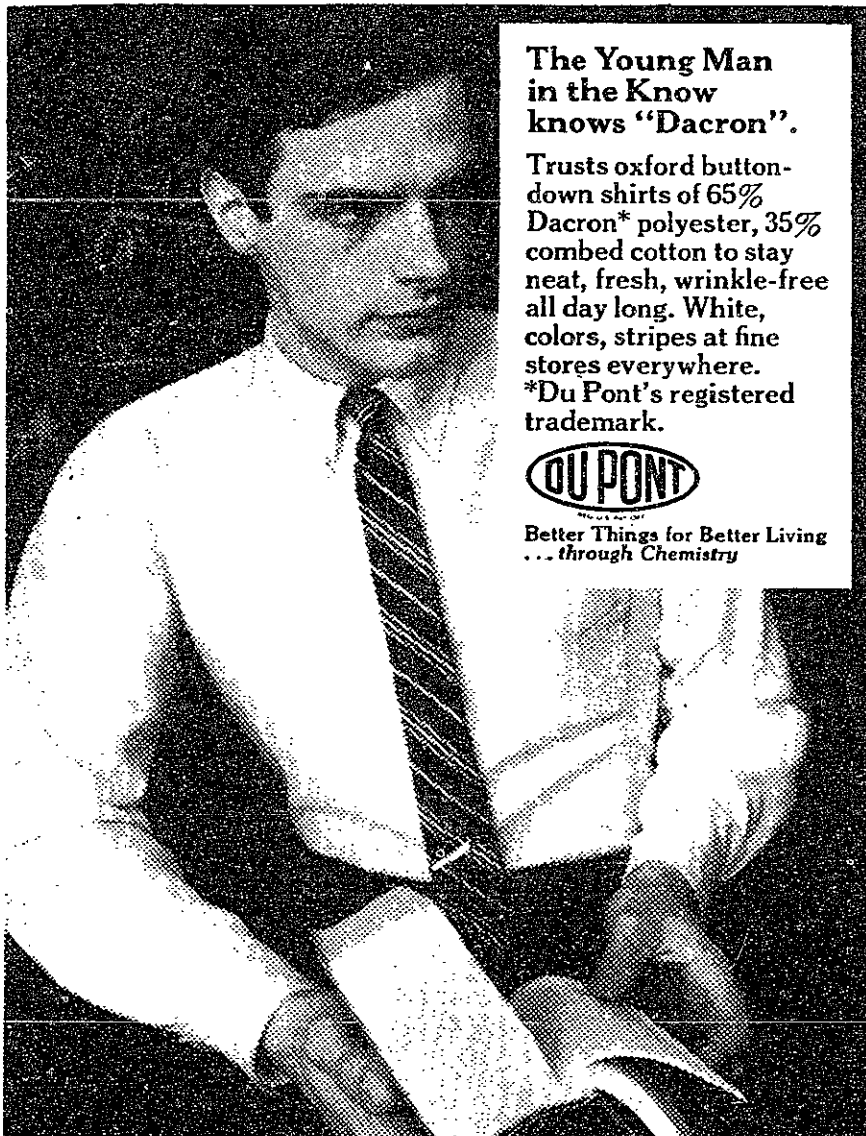
Inscomm also voted thanks to the Public Relations Committee for the activities meeting sheet and the Picture book, which sold out a printing of 1100 copies. Tom Newkirk and the other Secretariat members who worked on the Freshmen Orientation weekend were thanked.

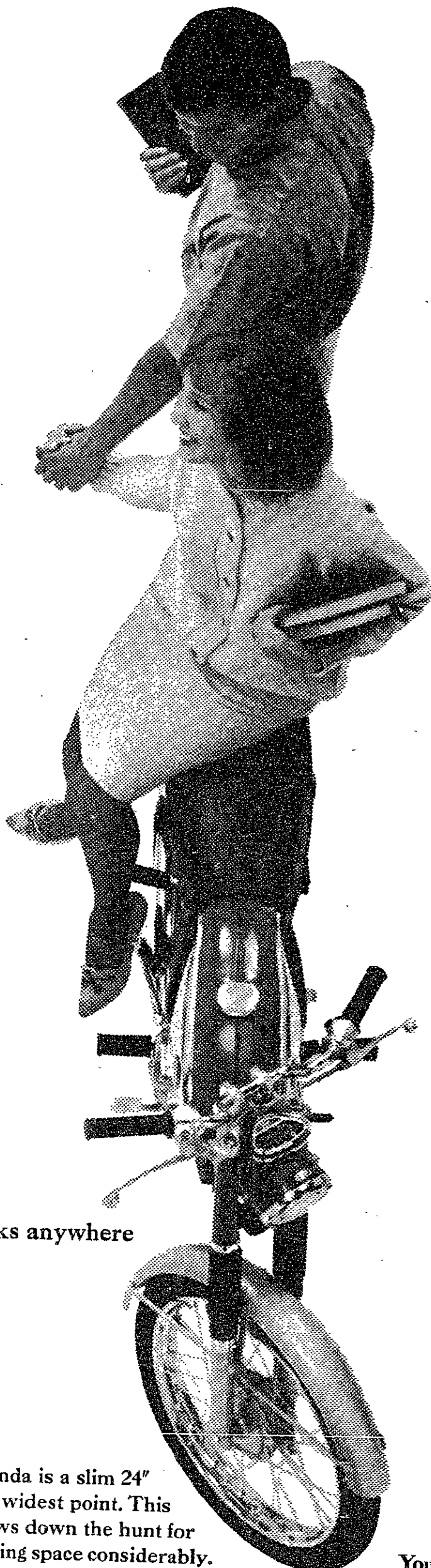
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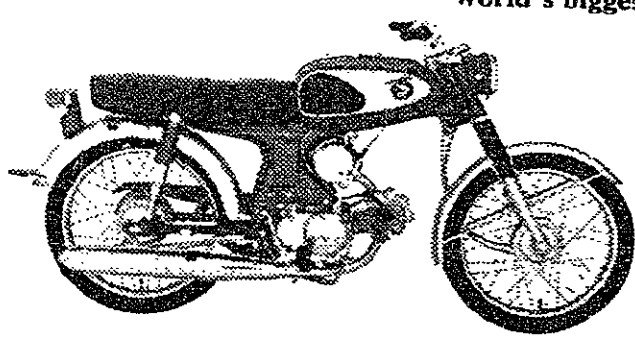
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movies . . .

A fine performance all around

By Andy Seidenfeld

Now playing at the Capri Theatre is a film I advise all depressed tools to go and see. They will see that things can actually be worse. I am referring to William Wyler's latest production, 'The Collector.'

The plot is remarkably sick. It is about a lonely man who enjoys nothing in life but collecting butterflies. He has no friends and no one cares about him. Then one day he wins over two hundred thousand dollars. Needless to say this changes his life, just

'THE COLLECTOR', starring Terence Stamp as Gerald Franklin, and Samantha Eggar as Miranda Gray, produced and directed by William Wyler; now playing at the Capri Theatre.

as it would change anybody's. Now he kidnaps the girl he has always been eyeing, this is the only way, according to him, that they can get to know and like each other. This girl is a doctor's daughter and an intellectual whereas the collector is an uneducated person.

The message in this movie is about class distinction. It is a deep way of pointing out the misunderstanding between two social classes. He can't stand people with la-dee-da manners, as he refers to them, the type that think before they act. Whereas she on the other hand loathes his kind: those that do not realize what is going on about them. For this reason she realizes that she must remain his prisoner forever, because she can never like him.

The dialogue is very interesting; it comes across very vividly. A slight touch of humor has been added in order to relieve the tension. This is the main difference between the book and the film; the book works its way to a climactic ending with no witty remarks throughout. On the other hand, the ending of the movie does not come through in quite the same way. When the picture

is over, you say: 'huh?!' It even seems somewhat ridiculous.

Terence Stamp, who portrays the collector, presents us with one of the finest screen performances in quite a while. Even his facial expressions serve him as a medium for demonstrating his talent.

Samantha Eggar plays the part of, shall we say, the butterfly. This very attractive redhead also deserves a round of applause for her performance. It is not very often that a pretty actress has talent to match; well, this is one exception. Let us hope that we will be seeing more of her in the near future.

The photography is very much a part of the movie. By that I mean one often finds that the photography is not thought of as anything other than a means of allowing the viewer to see what is going on without really adding to the film itself. Whereas in this movie the photography supplements the acting.

The music score is also quite unusual. It blends in with the rest of the movie in a fine way.

The screenplay is reasonably faithful to the book even though the dialogue and thought are more powerful in the book.

William Wyler's production of 'The Collector' will certainly be remembered along with other great thrillers such as Fritz Lang's movie 'M'.

Movie Schedule

- Astor—'Ship of Fools,' no times available.
- Beacon Hill—'What's New Pussycat?' 10:00, 12:00 2:00, 4:00, 6:00, 8:00, 10:00; 'Dial P for Pink,' 11:50, 1:50, 3:50, 5:30, 7:50, 9:50.
- Boston Cinerama—'Hallelujah Trail,' no times available.
- Brattle—Today through Saturday, 'Banana Peel,' Orson Welles. Week begins with 'The Trial' Sun. & Mon. 'Journey into Fear' Tues. & Wed.
- Shows daily at 5:30-7:30-9:30 with Saturday and Sunday Matinees at 3:30.
- Capri—'The Collector,' 10:45, 1:45, 1:05, 3:20, 5:40, 8:00, 10:00.
- Center—'Young Dillinger,' no times available.
- Cinema Kenmore Square—'Casanova,' 1:45, 3:45, 5:45, 7:45, 9:35.
- Exeter—'Laurel and Hardy's Laughing 20's,' 2:10, 4:00, 5:30, 7:40, 9:30; 'Shorts,' 2:00, 3:45, 5:35, 7:25, 9:15.
- Fine Arts—'Julius Caesar,' 'Sundays with Cybele,' shows start 5:30 weekdays, 1:30 Saturdays.
- Gary—'Sound of Music,' daily at 2:00; Mon. thru Sat. 8:30; Sun. 7:30.
- Harvard Square—Today through October 5, 'Never on Sunday,' 2:10-6:00-10:00; 'Topkapl,' 3:45 and 7:45.
- Loew's Orpheum—'Billie,' 10:35, 2:20, 6:00, 9:45; 'Sergeants 3,' 12:05, 3:45, 7:30.
- Mayflower—'Zorba the Greek,' 10:00, 12:35, 3:20, 6:00, 8:45.
- Music Hall—'Those Magnificent Young Men in their Flying Machines,' Mon. thru Sat. at 8:30; Sun. 7:30; Wed., Sat., Sun., and holidays matinees at 2:30.
- Paramount—I Saw What You Did,' 9:30, 12:30, 3:30, 6:30, 9:30; 'Taxi for Tobruk,' 11:00, 2:00, 5:00, 8:00, 4:45, 6:30, 8:15, 10:00.
- Paris Cinema—'The Knack,' 1:15, 3:00, 4:45, 6:30, 8:15, 10:00.
- Park Square Cinema—'Ecco,' 2:10, 4:00.
- Saxon—'My Fair Lady,' Mon. thru Sat. 8:30; matinees Wed., Sat., and Sun. at 2:00; Sun. eve at 7:30.
- Symphony Cinema—'The Pink Panther,' 2:15, 5:25, 8:30; 'My Baby is Back,' 1:00, 4:00, 7:20, 10:15.
- Uptown—'Amorous Adventures of Moll Flanders,' 1:00, 5:05, 9:20; 'A Very Special Favor,' 11:05, 3:10, 7:25.
- West End Cinema—'Circle of Love,' 11:15, 2:40, 6:00, 9:25; 'Love of Goddesses,' 1:05, 4:30, 7:50.

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Theatre Schedule

Colonial—'On a Clear Day You Can See Forever,' matinees Wed. at 2:15 and Sat. at 2:30; eve at 8:30.

Shubert—'Hot September,' eve. 8:30; matinees Thur. at 2:15, Sat. at 2:30.

Wilbur—'Generation,' eve. 8:30; matinees Wed. at 2:15 and Sat. at 2:30.

movies . . .

'Lord Jim' perversion of book

By Jeff Stokes

The movie-making industry has discovered in Joseph Conrad's romantic novel 'Lord Jim' a sea saga with tremendous screen appeal. It was necessary, of course, to improve on the book here and there, to add a little blood, smoke and fire to some of Conrad's limp scenes.

The movie apparently gets across the essentials of the book: Jim, a young and promising graduate of the Royal Merchant Marine Academy, signs aboard the Patna, a decrepit old coal burner

'LORD JIM', based on the novel by Joseph Conrad; directed by Richard Brooks; with Peter O'Toole as Jim and Dalia Lavia as Jewel (the girl).

bound for the Red Sea with 200 pilgrims aboard. A few days out a jolly storm strikes them, and in the thunder and confusion they strike a floating object. The Patna is filling up slowing with water, the half dozen crew members are tearing frantically at one of two lifeboats aboard ship; Jim tears at the other, to no avail; the crew finally launches the other one, and as they bounce up and

down beside the doomed hull they call to Jim, imploring him to jump; and Jim makes the decision which will haunt him for the rest of his life: he jumps.

Jim flees his conscience right into the arms of death. But in the meantime he finds plenty of adventure. Here is where Hollywood presses its advantage: Jim defends the village of Patusan almost single-handed, in a rollicking battle that includes everything from skyrockets to gigantic kites. Jim emerges a hero, a god in the eyes of the people he has saved; hence the title, "Lord."

One of the most high-handed changes of all comes right at the end. In the book Jim stands in front of the chief while the latter draws his scimitar and slashes Jim across the chest. But director Richard Brooks realizes that the great Peter O'Toole can not be used to best advantage this way; and so our hero walks up to the irate chief, hands him the rifle, and moseys away, whistling a tune.

But the currents of the book were flowing too deeply and strongly in the mind of this reviewer; neither Hollywood's improvements nor Peter O'Toole's morbidity could disturb them much at all. I relived the book and all its magnificent images, and the movie passed unnoticed before my eyes.

Boston Theatre Company greets a new season in a new home

The Theatre Company of Boston has moved to a new home, the Hotel Touraine in the heart of Boston's Theatre District where they will open their 1965-1966 season October 20. The move followed the sale of the Company's old location, The Hotel Bostonian, to the Berkeley School of Music in August.

The new home is larger and more comfortable and features a modified thrust stage, a form which combines ease of stage movement with maximum audience intimacy and is being seen more and more in new American Theatres.

Despite audience enthusiasm and the low rent offered by the Hotel Touraine, the Theatre Company has not yet met the financial demands of its expansion. A fund campaign is being conducted by the organization to raise \$15,000 to equip the theatre and to open.

The coming season will again be directed by David Wheeler and will include an American Premiere, along with a Festival of New American Plays.

The Theatre Company of Boston has scheduled the following plays for its third season, to open October 20th:

'Play' by Samuel Beckett and 'The Lunch Hour' by John Mortimer

October 20 — November 7
'Yes is for a Very Young Man' by Gertrude Stein

November 11 — December 5
'Measure for Measure' by William Shakespeare

December 9 — January 2
'Private Life of the Master Race' by Bertolt Brecht

January 6 — January 30
'The Happy Haven' (an American premiere) by John Arden

February 3 — February 27
'Festival of New Plays' with plays by George Dennison, Lawrence Ferlinghetti, Adrienne Kennedy, Andy & Dave Lewis, and Sam Shephard.

March 3 — May 1

Making the Scene

S	M	T	W	T	F	S
			29	30	1	2
3	4	5	6	7	8	9
10	11	12	13			

THIS WEEK MUSIC
B.S.O.—Open rehearsal, Symphony Hall, Sept. 30, 7:30 pm., \$17.50 for 8 rehearsals.
Benefit Folk Concert—War Memorial Auditorium, Oct. 2, 8:00 pm., \$2.00.
Wellesley—Academic Chorus 'Mirce Acev', University of Skopje, Yugoslavia, Alumni Hall, Wellesley, Oct. 8, 8:00 pm.

THEATRE
Charles Playhouse—Moliere's 'The Miser' Wed. Sept. 29, 8:00 pm.
LSC—'One Potato, Two Potato' Fri. Oct. 1, 26-100, 7:00 and 9:00 pm.
LSC—'Goldfinger', Sat. Oct. 2, 5:15, 7:30, 9:45, 26-100.

MISCELLANEOUS
LSC Lecture—Arthur Koestler, Wed. Sept. 29, 8:00 pm., Kresge Auditorium.

NEXT WEEK THEATRE
LSC—'8 1/2', Fri. Oct. 8, 7:00, 9:30, 26-100.
LSC—'Move Over, Darling' Sat. Oct. 9, 5:15, 7:30, 9:45, 26-100.

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Friday—Oct. 1

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Kresge 50c 7 & 9:00 p.m.

Contrary to information on other publicity, this movie will be shown in Kresge, not 26-100.

Saturday—Oct. 2

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Kresge 50c 7 & 9:30 p.m.
N.B. This movie has been changed to Kresge from 26-100.

Sunday—Oct. 3

Humphrey Bogart in

THE MALTESE FALCON

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10-250 50c 8:00 p.m.

Arthur Koestler lecture has been cancelled.

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Film on work of Foreign Service to emphasize career opportunities

Mr. Paul F. Geren, a Foreign Service Officer of the Department of State, will be at MIT October 4 to discuss the work of the U. S. Foreign Service with interested students.

A film depicting aspects of the Foreign Service's work in Equador, titled "The Unending Struggle," will be shown. Following the film, Mr. Geren will answer questions on careers in the Foreign Service.

The next written examination for the Foreign Service will be held December 14. Applications must be filed before October 18.

Waid scholarship set for graduate student

Eugene Darwin Cizek, a graduate student at MIT's school of architecture and planning, has received a \$300 Waid Scholarship for the 1965-66 academic year. The Waid Education Fund, established by Dan Everett Waid, is administered by the American Institute of Architects and has awarded a total of \$53,800 in scholarships for advanced study during the coming year.

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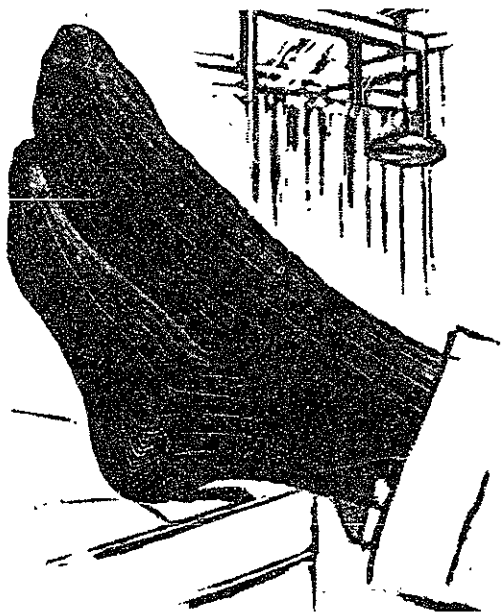
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Mrs. Mimi Luft will be teaching art classes on Tuesday and Wednesday nights in the art studios in the Student Center.

A beginning oil painting class started on Tuesday, Sept. 28, from 7:30 to 9:30. On Wednesday night there is a drawing class with life and portrait models. There is a fee of \$10 per term. Enrollment is limited to 20, with students

given preference; if vacancies remain after the second class, others from the MIT community may enroll.

The art studios are located at the west end of the activities floor. They will be open 24 hours a day for use by anyone interested in exploring art media, either beginners or experienced amateurs. Those interested in using the studios should register with Mrs. Luft, who will be available in the studios at times besides her art classes to give help, and criticism if desired.

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PHIL & CLAUDETTE MARKELL

College World

Caltech hacks spark spring term; Colorado unravels legal problem

By Jeff Trimmer

There is news this week from Caltech, the other school on the other coast. The first big news involves the intramural events and more specifically the Caltech Interhouse Eucalyptus - chopping Competition. Eight groups competed in the event, held last spring. The plan allowed each group to chop down one small tree for practice before undertaking the final event — the felling of one standardized Eucalyptus for time. The shortest time determined the campus winner and holder of the Intercollegiate Eucalyptus chopping record.

Standard eucalyptus chopping teams according to Caltech rules consist of several "over-grown individuals to chop and five more to man the guide-rope tied to the tree."

No comment on this event except to say that this may be one event MIT will be hard pressed to equal. Maybe we could counter with a Charles River draining contest.

Further notes from Caltech should add spice to the upcoming Freshman-sophomore rivalry and Field Day activities. The plot begins in the spring when the seniors plan to take a day off and go to the beach. The affair known as Senior Ditch Day revolves about secret plans for sneaking off leaving carefully bolted and barred rooms. Rooms are not normally all that carefully locked except for this one day. The tradition of Senior Ditch Day allows that the rooms of seniors are completely open to attack from freshmen.

As a result, though the seniors plan their escape and fortification measures carefully, more often than not they return to find their rooms in various states of disarray. For example:

One senior outfitted his door with a solenoid lock controlled by a thermostat, with sensor located

in the channel iron that blocked the space underneath the door. He and his roommate planned to undo the lock by pouring liquid nitrogen under the door to activate the thermostat.

But the mechanism could not stand the vigorous all-day attacks of the frosh; expert coat-hanger maneuvering and door kicking caused the solenoid pin to fall out. The frosh then cleared the room and laid asphalt down painted a double yellow line down the middle, and appointed the place with street signs. The same solenoid was used to close the room later, but this time it had to be activated by a voltage between one phone wire and a random wire emerging from the room. The frosh managed to convince the two returning seniors that the room had not been entered, but when one poured the liquid nitrogen under the door he turned on a recorded tape loop of the frosh chorus singing "Seniors Eat It."

Another senior had a pin blocking his latch, with a supporting string to be released by drilling a small hole in the window putty; but when he left, the pin failed to engage fully, and it was shaken out by frosh shoulders. Most of the furniture in his room was removed to the tree in front of the House, where, it formed "a rather nice African bachelor's pad." And conversely, a tree was put in his room, along with a bench and appropriate wallpaper supplied by the Computing Center printers. With IBM chips in the medicine cabinet, water in the light fixtures, and the doorknob reversed, the room was ready.

Other senior rooms met similar fates. Those with solenoid door latches were wired with firecrackers. Seniors returning to the rooms had their mechanisms explode as they confidently demonstrated their method of entrance.

Last year's senior class at the University of Colorado spent part of the spring disentangling a complex legal problem. It seems that the "Junior Class of 1964" held an affair back in the spring of 1964 for which it ordered much

beer. Some of the beer was returned, a larger portion of which, it is claimed, was not resaleable. In addition pumping units were claimed to be missing. The liquor store is suing the Junior Class of 1964, and therein lies the legal problem.

The store first attempted to sue the class president, but he claimed the class had ordered only the beer it could use, and at any rate he was acting only as an agent of the Junior Class of 1964 and wasn't liable. Case dismissed.

The next attempt was to sue the Junior Class of 1964. But the Junior Class no longer existed. Last fall the Junior Class of 1964 became the Senior Class of 1965, and the seniors claim they are not responsible for the previous Junior Class. The Senior Class president has politely refused a summons. The Junior Class 1965 president was not available for comment.

But the big question remains of what happened to the Juniors of 1964. For their class still owes \$487.83. Where have all the juniors gone? Gone to seniors every one.

For the final note, there is word of an inventors' congress at the North Carolina State University in Raleigh. New devices aimed at improving everything from your golf game to your pea shelling were displayed recently at the Inventors Congress and Technology Utilization Symposium.

It is said that "Necessity is the Mother of Invention" and the devices shown often were aimed at curing some complex or simple problem in modern day life.

James Albert's son was striking out in every Little League game, so the Johnstown, Pa. man spent \$2 on material and invented a batting practice device.

"That boy is on the high school baseball team," Albert said, "and he has struck out just once all season."

Albert's batting practice invention calls for nothing more than a baseball, a piece of tubing, a pulley a clothes line and an eager young boy.

Walker mixer held Friday



Photo by John Torode

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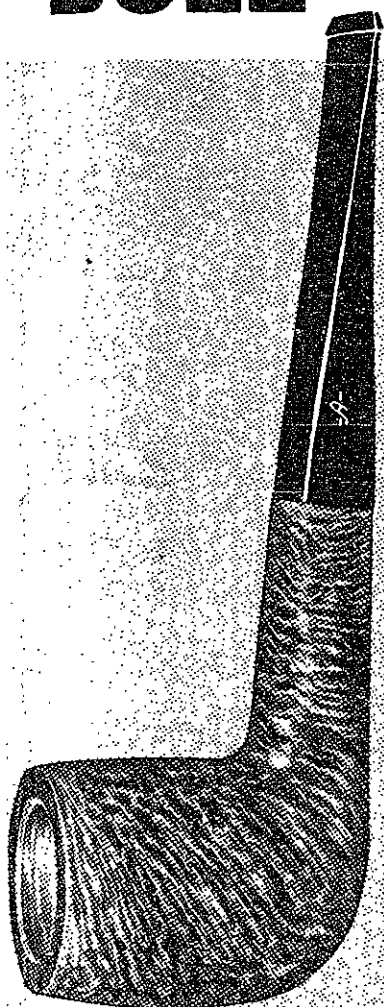
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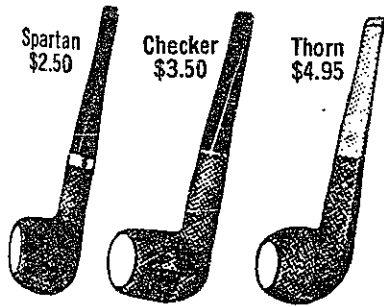
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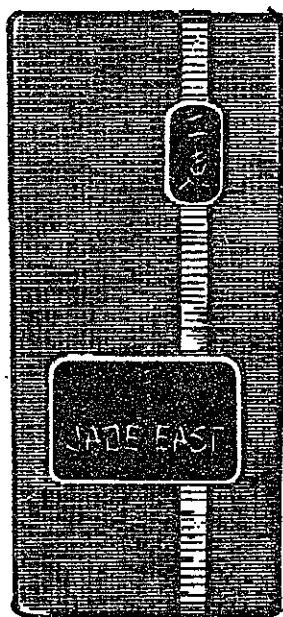
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Social Service Committee enlarges off campus educational programs

By Dan Allen

One of the most significant projects involving MIT students off campus is the educational work in Cambridge. The MIT Social Service Committee and Lesley College are building the two year old Tutoring Plus program and with the MIT faculty are starting a series of Saturday classes.

What's the problem? Why do these children have it and harder than anyone else? Do they? The community can offer some insight to the problem. An area called "Central Four" is about two blocks directly behind MIT. There the population density is the highest in Cambridge and at a rough guess, 75% of the families are without fathers. Four years ago the drop-out rate was near 50%. Why so high? A number of reasons might be advanced here, but a more likely one lies in the community values and the broken homes. When family structure is destroyed and a warm homelife turns into inescapable hell, what happens to the children? And if the problem is so basic, what can be done?

Tutoring Plus may better be called a "Big Brother" program educationally oriented. Its goal is to help the child in school. The youngster is usually very lonely and has no confidence in himself. It's his sense of inferiority and defeat that we constantly struggle with. The child may be incapable

"Science Digest" to feature MIT

MIT will be the subject of a feature article in October's issue of "Science Digest."

The article will be the second in a series on America's most prominent scientific universities. September's issue features a story on Caltech.

Kibitzer . . .

(Continued from Page 4)

tells declarer where the cards are, and it does not stand to gain much. East should avoid a double in this type of bidding, for the opponents might be able to run to a makeable slam. North wasn't too pleased with his partner's bid of six no trump, since with his extra values he had planned on redoubling. A diamond lead sets six spades, unless a first-round finesse for the ten of spades is taken; however, a card exposed during the auction would have made a club opening necessary.

Declarer won the opening club with the ace, then cashed the Kings of hearts and spades. When spades failed to break, he won the heart ace. After both opponents showed in on the second heart, South ran the suit. East was finding it increasingly harder to find discards, as this position was reached.

North
♠ A Q J 9 8
West
♦ J 5 4
♣ 8 4
East
♠ 10 7 5 3
♣ K
South
♠ 4
♦ A 10
♣ Q J

When South now cashes the ace of diamonds, East is squeezed. Discarding a spade allows declarer to run the suit; throwing a club gives declarer a club and three spades.

An important trick in the play is cashing the ace of clubs. Even without a club lead, declarer must cash the ace in order not to squeeze the dummy. The play in which a potential squeeze card is established is called a Vienna Coup.

An interesting variation of this hand can be found by exchanging South's sixth heart for a low diamond and by replacing the jack of clubs with a small club. Seven no trump can be made by a progressive squeeze if the jack of diamonds is switched to East's hand.

of moving out into new areas of achievement (such as school) until he gains some degree of self-assurance—the kind that comes best from having an adult, associated with education, interested in and believing in him.

The Saturday Classes are a continuation of an experimental Science Day Camp that MIT held for 30 of these youngsters this summer. The courses will be carefully prepared by over 30 professors to cater to the special educational problems involved. Personal contact, projects and athletics will play important roles in this 17 week program. The curricula for half day classes in 5 subjects are now in preparation.

The social service committee is in the process now of recruiting undergraduate, graduate, and faculty support for the continuation of these programs and several others. Interested persons are urged to visit the Social Service Committee booth in building 10; or visit S.S.C., room 441, Student Center.

MIT Chapter of Hillel announces schedule of Yom Kippur services

The MIT Hillel will sponsor the following Yom Kippur services on October 5 and October 6:

October 5, evening: Orthodox—Kresge Auditorium, 5:30 pm, Fred Rothstein.

Conservative — Student Center, 5:30 pm, Dr. Gerald Schroeder.

Reform — Chapel, 8:00 pm, Rabbi Herman Pollack.

October 6, morning: Chapel, 8:00 am, Dr. Gerald Schroeder. Kresge Auditorium, 9:00 am, Rabbi Herman Pollack.

Rehearsal Room A, Kresge, 10:00 am, Prof. Leonard Fein.

Jupiter to be subject of Compass seminar

Professor J. W. Warwick of the Department of Astrophysics and Atmospheric Physics of the University of Colorado will speak on the topic "Radio Physics of the Planet Jupiter — Theory and Observations." The lecture, one of the series in the Compass Seminar, will be held in room 54-100 at 4:00 p.m. Tuesday, October 5. Tea will be served in the Faculty Lounge, Room 54-923, at 3:30 pm.

DEPARTMENT OF STATE FOREIGN SERVICE careers

Mr. Paul F. Geren, Foreign Service Officer

will be on campus October 4 to discuss career opportunities.

A film, "The Unending Struggle," depicting the work of the Service, will be shown. See your Placement Advisor.

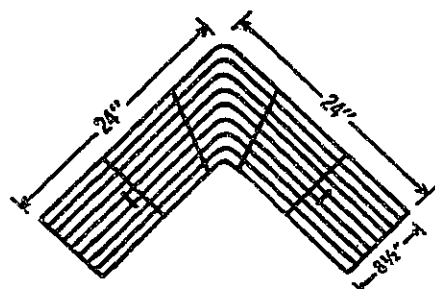
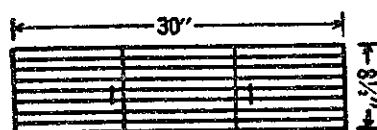
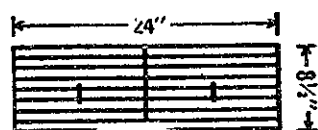
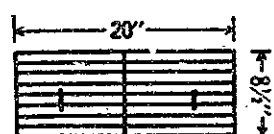
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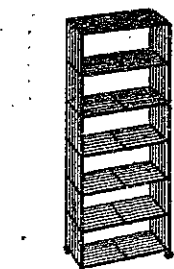
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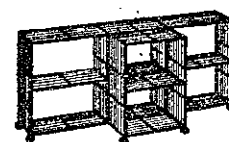
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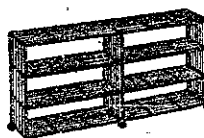
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Wood Bases	19c ea.	



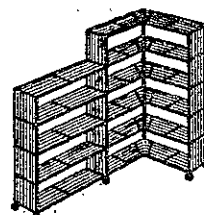
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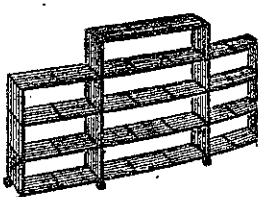
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6-24" Panels, 8 Bases.
Assembled Size
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6 Wood Bases. Assembled
Size 30" H x 63" L.



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8-24" Panels, 7-30" Panels,
8 Wood Bases. Assembled
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 below)

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ANSWERS: 1. 70 (30 divided by 2 with
 10 added is 25). 2. Your age. "You have
 a TOT Stapler..."—which is not a bad
 idea at all, by the way! Next to a note-
 book and a pencil, it's the handiest little
 school item you can own!

Golfers split triangular

The MIT varsity golf team opened its fall season last Friday, September 24, at Oakley Country Club by defeating Brandeis 5-2 while losing to Vermont by the same score in a three team match. Under highly threatening skies, Tom James '68 and Jack Rector '68 led the Techmen with double victories. Fourth man James shot an 80 to defeat both his opponents on the 18th green. In fifth position, Rector had 83 to beat his opponents easily.

Roach '75, Banner '77
 Ben Roach '68, playing in the



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number three slot had MIT's best score, a 75, in splitting his two matches. Ben beat his Brandeis opponent 7 and 6, but was bested by the Vermont 2 player and 1. Second man Gerry Banner '68 defeated Brandeis 2 up, but lost to his Vermont man 1 up in 19 holes. Banner shot 77, but a three putt green on the first extra hole proved fatal.

Wheeler splits two
 Seventh man Mal Wheeler '66 also split his two matches while shooting a 79. A 74 by his sophomore Vermont opponent was just too much for Mal to overcome. Captain Harry Barnes '66 and Paul Ness '67 had approaching and putting problems and their respective scores of 85 and 87 were too high to score any match points.

Lettermen absent
 The Techmen were hindered by the absence of two of their three returning lettermen, Ron Olson '67 and Dave MacMillian '67. Ron suffered an injured wrist the week before and Dave is out on Co-op for the term. The team's next match is a return engagement against Brandeis on Monday, October 4.

In addition to the two remaining dual matches the highlight of the fall schedule will be the qualifying rounds for the Eastern Collegiate Athletic Conference (ECAC) championship at Rhode Island on October 8 and 9.

Heavy, light crews begin practice; four squads now rowing on Charles

By Chuck Hofferger
 The MIT crew season got underway last week as the four squads began their fall training programs on the Charles River. The coaching staff remains unchanged from last year, with the exception of the freshman lightweight position. Dennis Buss '62 has taken over the frosh light spot to replace Mike Greata '63. Coach Jack Frailey spent the week introducing the 35 oarsmen of the varsity heavyweight squad to what is known as the German style of rowing. Also new for the year are early morning turnouts, which replace the after dark practices of former years. Returning for the 65-66 heavyweight season are three lettermen from last year's boat, including stroke Keith Stolzenbach '66.

Coach Gerry Zwart has five lettermen returning from last year's varsity lightweight boat, including junior stroke man Mike Kreuger. The first week of practice saw a large turnout of 45 lightweight varsity oarsmen for the fall season, which will include the Head of the Charles race on Oct. 12. Other crews which will compete in the Regatta are reported to be Harvard, Yale, and Vesper Boat Club of Philadelphia, winners of the 1964 Olympic Gold Medal. Also in the news were the ap-

Athletic Association provides opportunities for all with special emphasis on intramural competition

by Rich Lucy
 Pres.—MITAA

The athletic program at MIT is large and diverse, with particular emphasis upon student participation and direction, both in feedback and planning as well as team membership and management. I would especially encourage all freshmen to participate in some aspect of the program, for the opportunities are there for those who seek them out. The intramural program is com-

pletely student organized and managed. Some of the sixteen intramural managers are elected at each of the I.M. Councils' monthly meetings. These I.M. managers need frosh assistants to learn the trade, and these assistants stand a good chance of being elected to the managerial post the next season. Any interested students can obtain a list of I.M. Managers and meeting times from the A.A. manager's office on the second floor of the DuPont Athletic Center.

Varsity managers will also be looking for freshman to assist with the various spots and to manage freshman teams.

These managers will have notices posted on the bulletin board near the entrance to the Cage.

The Athletic Association Officers in charge of the various parts of the athletic program will be glad to answer the questions of interested freshman and to assist in any way.

These men are: Fritz Schaefer—I.M. Vice-president, Bert Blewett—T-Club President, Mel Snyder varsity v.p. (var managers), George Jones—Secretary (clubs).

Committee to meet, plan participation in Viet Nam protests

The MIT Committee Against the War in Viet Nam will meet on Thursday, September 30 at 7 pm in the Vannevar Bush Room, 10-105. The Committee's plans for participation in the International Days of Protest, October 15 through 16, will be discussed.

Some members of the faculty will address the meeting. The group's sponsors are Noam A. Chomsky, Professor of Modern Languages, and Salvador E. Luria, Professor of Microbiology. All are invited to attend.

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Betas, SAE win in football

By Herb Finger

Twenty-four games last weekend opened up the 1965 intramural football season in exciting fashion. Defending champions, Beta Theta Pi had an easy time in defeating Ashdown House Dining Staff 67-0. The Betas wasted no time, compiling 35 points in the first quarter. Steve Schroeder '67 and Greg Wheeler '67 accounted for five touchdowns together.

SAE's score 76 points

Last year's runner-up Sigma Alpha Epsilon amassed 76 points in shutting out Sigma Phi Epsilon. In the closest of the major games, Larry Taggart '67 intercepted a pass for a touchdown to give Delta Upsilon a 27-25 victory over Burton "A". Denny Duscik '68 threw three touchdown passes for DU, two to Roy Talus '67 and one to Taggart.

Sigma Alpha Mu gave Phi Delta Theta a big scare by maintaining a 7-6 lead into middle of the third quarter of their game. A bad Sammie snap from center helped to set up a Tom Bush '66—Ernie Asherman '67 touchdown late in the period to give the Phi Deltas the lead, and they went on to win 19-7.

Fijis win 60-0 game

In other "A" League action, Roy Wittenbach '66 threw five touchdown passes, including two to John Freeman '66, as Phi Gamma Delta "A" rolled over Phi Kappa Theta 60-0. Garland Taylor '67 scored two touchdowns for Delta Tau Delta, including a 50-yard intercepted pass run to lead the Deltas over Grad Management 20-0. Lambda Chi Alpha broke a half-time scoreless tie with Alpha Epsilon Pi as quarterback Channing Stowell '65 swept left end for a five-yard touchdown, and passed for the clinching touchdown a few minutes later for the final 15-0 score.

Highlights for this weekend include the Fiji-Sammie game on

Saturday October 1 at 3 pm and the Beta-Burton "A" contest on Sunday at 1 pm. Last weekend's scores:

Delta Upsilon 27, Burton "A" 25
Theta Chi 31, Sigma Chi 6
Baker "A" 12, East Campus "A" 7
Sigma Nu 6, Burton "B" 0
Phi Mu Delta 20, Theta Zeta 0
Ashdown House 1, Grad House 0 (forfeit)
Deltas 20, Grad Management 0
Fiji "A" 60, Phi Kappa Theta 0

ZBT 25, Phi Kappa Sigma 0
LXA "B" 24, Senior House "B" 13
Kappa Sigma 33, EC "B" 0
Betas 67, Ashdown Dining 0
SAE 76, Sig Ep 0
ATO 1, Fiji "B" 0 (forfeit)
NRSA "A" 7, Theta Delta Chi 0
NRSA "B" 2, Chi Phi 0
Lambda Chi Alpha "A" 15, AEPi 0
Phi Delta Theta 19, SAM 7
Senior House "A" 25, DKE 6
Bexley 14, Baker "B" 7
Student House 28, Baker "C" 2
Burton "C" 13, Phi Beta Epsilon 7

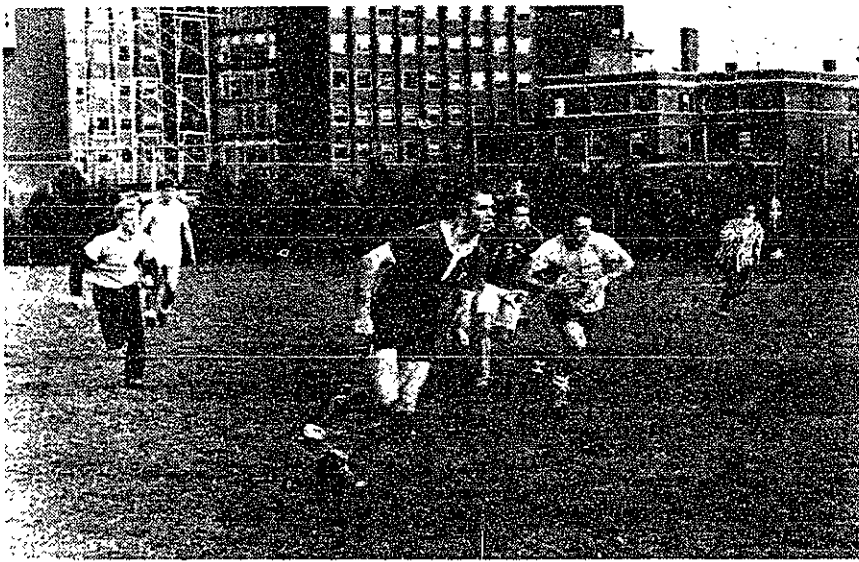


Photo by Lewis Golovin

Action-filled games marked the opening day of games in the 1965 intramural football season September 25 on Briggs Field. Members of the Delta Tau Delta team are shown making an end sweep against defending Grad Management. The Deltas won 20-0.

the sports spot

The biggest aspect of MIT athletics in terms of the number of participants is the intramural program. This fact is in line with the purpose of the program: to provide competitive team sports for everyone interested. For the Techman who feels he is short

on either talent or time, here is the opportunity to engage in well organized, tough competition on his own level without the demands of the intercollegiate program.

Participation stressed

The keynote of the program is participation, and the Athletic Association hopes to get everyone enlisted into at least one of the seventeen sports offered. This manifests itself in the actual program, as some 3500 participants took to the intramural courts last winter, with better than 1500 different persons being entered.

One of the biggest attractions of the program is the wide variety of opportunities, not only in number of sports, but also in terms of phases of activity. Besides actual participation, there are also tremendous opportunities for managing and refereeing. Since the program is entirely student-run, head managers and at least one assistant manager are needed for all seventeen sports. Here lies a big opportunity for moving into both sports and poli-

Harvard wins 6-2

Soccermen face first test

By Bob Sulton

The Tech Socccermen got a chance to try out new men and a new strategy in a non-league scrimmage game against Harvard on Saturday, September 25. Coach Charles Batterman played his first string team for the opening three quarters, testing a 4-2-4 formation. At the beginning of the final quarter, with MIT trailing 3-2, second and third string players were sent in to give them some experience competition. The game went to the Harvard squad 6-2.

New formation Successful

According to Richard Gostyla '67 the 4-2-4 formation worked well and we can expect to see it in most of the games this season. The standard soccer formations consist of five offensive men on the line, backed up by five defensive men in a "W" or an "M" formation. The defense is man to man and the offense consists generally of an attack around the outside by a wing and a pass to an inside who sets himself up in a scoring position. The 4-2-4 formations consists of only 4 men on the line and 4 men back playing defense, with the remaining two

men allowed to float between offense and defense. The formation calls for more emphasis on short plays and allows for increased flexibility. The two men playing in the liason position were Rich Gostyla and Gavin Clowe '68, who showed that this formation can be used without seriously weakening the defense.

Sole scores both goals

The all sophomore offensive line played well, with John Sole '68 making both goals. Goalie Avram Markowitz '67 and Captain Savit Bhotiwihok '66 put up a strong defense.

Also on Saturday the frosh soccer team, with only four practices and one scrimmage behind them, played Braintree H.S., a strong power in high school soccer. The 3-0 loss was due mostly to the short time the frosh have played as a team and lack of aggressiveness. Although the passing was not well developed and plays lacked organization there was a strong defense and the individual freshmen showed much skill in the basics of play. With experience we can look forward to a more aggressive offense and more teamwork. There is much potential for a strong frosh team so keep an eye on them during the season.

Trinity next opponent

Next week the varsity plays Trinity and the week after, Middlebury. These are generally rated as the two top New England teams. With more work on defense and practice with short pass plays Tech will have a good chance against these strong teams.

Go to the games and look for that 4-2-4 formation and the short pass plays.

On Deck

Wednesday, September 29

Soccer (V) WPI, home, 4 pm
Baseball (V) S.E. Massachusetts Technological, home, 3:30 pm

Friday, October 1

Baseball (V) Boston University, home, 3:30 pm

Saturday, October 2

Soccer (V) Trinity, home, 1 pm
Cross Country (V) RPI, WPI, home, 2 pm
Cross Country (F) RPI, WPI, home, 1:30 pm
Sailing (V) Danmark Trophy, home (through Sunday)

Sunday, October 3

Sailing (F) Undecagonal at Coast Guard

Monday, October 4

Golf (V) Brandeis, home, 12:30 pm
Soccer (F) Medford High School, home, 4 pm

Tuesday, October 5

Baseball (V) Boston University, home, 3:30 pm

Sailors take Coast Guard Regatta; Smullin, Schwanz, Cronburg star

By John Kopolow

The New England Sailing Association's fall season got into full swing last Sunday, September 26, with the sailing of the U.S. Coast Guard Academy's Pentagonal Regatta. MIT's sailors came home with top honors, trouncing the second place Coast Guard by 31 points. The final results showed Tech with 132 points, Coast Guard with 101, Harvard with 82, Yale with 79, and Dartmouth with 59.

Smullin sails to second

The regatta consisted of three races in three different types of craft—keel sloops, planing Ravens, and 12 ft. International Dinghies. Joe Smullin '66 was skipper for MIT in the first class, and Chet Osborne '67 was the crew. The 59 points they compiled were enough for second place, as the Coast Guard picked up 68 points. Yale, Dartmouth, and Harvard finished behind Tech in that order.

Veteran skipper Don Schwanz '67 brought Tech's dinghy home first in the second class. He and his crew, consisting of Tom Maier '67, Jack Turner '68, and Joe Ferreira '67, totaled 37 points, soundly beating Harvard (24), Dartmouth and the Coast Guard (14 each), and Yale (8).

Cronburg clinches win

Captain Terry Cronburg '67 clinched the overall victory with a decisive win in the third race. His crew was Paul Kendall '68 and Richard Boulay '68. Their 36 point total was eight more than Harvard's, followed by the Coast Guard, Yale, and Dartmouth sailors.

This weekend, October 1 and 2, one of the major intersectional regattas of the fall season will be held here at MIT. It is the International Invitational Regatta for the Danmark Trophy. Later in the season MIT will be host for the NEISA freshman Single-

Crew Championship on October 30-31 and the varsity Team Racing Championships on November 13-14.

Women sailors second

Tech's women's sailing team also made a good showing last Sunday in its regatta against three other schools. MIT with 16 points finished just one point behind the Rhode Island School of Design and was followed by URI (15) and Simmons (8). Ruth Beckley '68 as skipper and Alix Bernstingle '68 as crew were the only MIT victors, as they won the fourth and final race.

Score 10-0 shutout

Vermont tops Tech nine

MIT's varsity baseball team started the fall season off on an inauspicious note, dropping their first game to Vermont, 10-0. One of last year's biggest bugaboos—errors—once again plagued the Techmen. Line miscues plus four balks gave Vermont 8 unearned runs, far too many for Tech's ineffectual offense to overcome.

The Techmen were able to muster but three hits and got only one runner past second base. Singles by shortstop Mike Ryba '67 in the first and by right fielder Eric Jensen '67 in the fourth, plus a double by left fielder Rick Papenhausen '67 the fifth, were all of Tech's offensive efforts.

Newcomer Ed Richmond '67, a transfer student from Purdue last year, was one of the few bright spots for the Techmen. Richmond was the starting pitcher and completed three innings. He gave up only three hits while striking out five and walking but one. Bill Dix '67 finished the game, striking out four and walking six.

The pitching staff has the potential to be one of the best in

and added Richmond, who was ineligible last year, and sophomores Bob Kiburz, Ok Moriwaki and some years. It lost only Rick Gander '65 through graduation. Bob Reid, who also plays center field. The more notable of the returnees include Jack Mazola '66 and Rick Papenhausen '67. The starting line-up also has considerable experience, Reid being the only sophomore in it.

Vermont	AB	R	H	RBI
Wayne, cf	6	1	2	1
Cronin, ss	5	0	1	1
Fitz, lf	4	1	2	2
Packaugh, lb	3	2	0	1
Aldrich, c	4	0	0	0
Neale, c	4	0	0	0
Lombard, 2b	4	1	1	0
Morris, 3b	3	1	0	0
McKinnon, rf	4	2	3	4
Gandek, p	2	0	0	0
Cronin, ph	1	0	0	0
Suchanek, p	2	0	0	0
Totals	38	10	10	10
MIT				
Kadamia, 2b	1	0	0	0
Triant, 2b	1	0	0	0
Ryba, ss	3	0	1	0
Reid, cf	4	0	0	0
Jensen, lf	4	0	1	0
Norelli, rf	1	0	0	0
Dix, p	2	0	0	0
Al'man, lb	3	0	0	0
Gikis, c	3	0	0	0
Bakley, 3b	3	0	0	0
Richmond, p	2	0	0	0
Papenhausen, lf	2	0	0	0
Totals	28	0	3	0
Vermont	011	130	013-10	
MIT	000	000	000-0	

tics at MIT. The need for competent, willing referees has caused the Intramural Council to offer pay for refereeing in some of the bigger sports.

Individual Choice

Another important and convincing feature of the intramural program is the matter of individual choice on time commitment. One may spend as little as two total hours in intramural rifle, or he may enter as many as eight or ten different sports and make intramurals an integral part of his life. You will find, however, that once you are caught up in the spirit of the competition, you may tend to move closer to the latter, although the choice is your own.

Living group set-up

The organization of the teams is generally centered around the living groups, although some foreign student clubs and the dining staffs also sponsor teams. This set-up makes for strong inter-house, inter-dorm rivalries which approach those of the intercollegiate sports. In addition, when a living group enters more than one team, the competition to make the "A team" can also be very strong.

Graduate students are also a large part of the program. Although they do not compete for the Intramural Trophy, symbolic of all-sport dominance, their teams are in the undergraduate leagues and enjoy the same competition. They enter either as members of Grad House, students in a certain field, or as members of the undergraduate teams they were affiliated with as undergraduates.

The intramural program has been kept alive and strong because of the number and quality of individuals participating and managing. So let's get away from those books for a while and have a little fun. Get out and play, and enjoy yourself.

How They Did

Baseball

Vermont 10, MIT (V) 0

Golf

MIT (V) 5, Brandeis 2

Vermont 5, MIT (V) 2

Soccer

Harvard 6, MIT (V) 2

Braintree H. S. 3, MIT (F) 0

Sailing

MIT (V) First in Coast Guard Pentagonal Regatta

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